



Attorney Docket No. 0756-1915

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shunpei YAMAZAKI et al.

Patent No.: 6,778,231~~6~~1

Dated: August 17, 2004

Serial No. 09/233,145

Filed: January 19, 1999

For: ELECTRO-OPTICAL DISPLAY  
DEVICE

) Group Art Unit: 2871

) Examiner: T. Duong

) CERTIFICATE OF MAILING

) I hereby certify that this correspondence is  
) being deposited with the United States Postal  
) Service with sufficient postage as First Class  
) Mail in an envelope addressed to:  
) Commissioner for Patents, P.O. Box 1450,  
) Alexandria, VA 22313-1450, on

10-12-04

) Adelle M. Stamps  
)

REQUEST FOR CERTIFICATE OF CORRECTION

ATTN: Certificate of Correction Branch  
Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
OCT 20 2004  
of Correction

Sir:

As provided in detail in the attached, the patentee respectfully requests that a Certificate of Correction be granted in the above-identified patent to correct a printing error in a patent, incurred through the fault of the Office.

Under 37 CFR 1.322, "The Commissioner may issue a certificate of correction pursuant to 35 U.S.C. 254 to correct a mistake in a patent, incurred through the fault of the Office, which mistake is clearly disclosed in the records of the Office at the request of the patentee or the patentee's assignee."

The following printing error appears to have occurred through the fault of the Office, and the patentee respectfully requests correction thereof.

On December 16, 1999, a *Petition Under 37 C.F.R. §1.48(a) for Correction of Inventorship* and a *Statement Under 37 C.F.R. §1.48(a)(1)* were timely filed, copies of which are attached, requesting deletion of "Yasuhiko Takemura" as an inventor. On July 2, 2001, attached to the *Notice of Allowability*, a copy of which is attached, the

OCT 21 2004

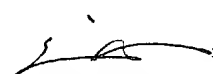
Examiner granted the *Petition*, acknowledged the above-referenced documents and specifically stated that the "inventorship of this application has been changed by the deletion of Yasuhiko Takemura" (page 3, Paper No. 17).

However, apparently due to a printing error, the cover page of U.S. Patent No. 6,778,231 erroneously lists Yasuhiko Takemura as an inventor. Therefore, the patentee respectfully requests that "Yasuhiko Takemura, Kanagawa (JP)" be deleted from the face to the patent.

It is specifically noted that the patentee is not requesting a change in inventorship. Rather, the patentee is merely requesting correction of an error by the Office in processing the *Petition Under 37 C.F.R. §1.48(a) for Correction of Inventorship*, which was clearly granted by the Examiner.

The patentee respectfully requests that the Certificate of Correction be granted in this patent. As the error was incurred through the fault of the Office, a fee is not believed to be necessary. Should it be determined that a fee is necessary, any deficiencies or overages in any fees due in connection with this patent and the requested actions should be applied to Deposit Account No. 50-2280.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

OCT 21 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO : 6,778,231 B1

DATED : August 17, 2004

INVENTOR(S) : Shunpei YAMAZAKI et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face of the patent, at item (75) Inventors, please delete  
"; Yasuhiko Takemura, Kanagawa (JP)".

MAILING ADDRESS OF SENDER:

Eric J. Robinson  
Robinson Intellectual Property Law Office  
PMB 955  
21010 Southbank Street  
Potomac Falls, VA 20165

PATENT NO. 6,778,231 B1

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OCT 21 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO : 6,778,231 **B1**

DATED : August 17, 2004

INVENTOR(S) : Shunpei YAMAZAKI et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face of the patent, at item (75) Inventors, please delete  
"; Yasuhiko Takemura, Kanagawa (JP)".

MAILING ADDRESS OF SENDER:

Eric J. Robinson  
Robinson Intellectual Property Law Office  
PMB 955  
21010 Southbank Street  
Potomac Falls, VA 20165

PATENT NO. 6,778,231 **B1**

No. of additional copies



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OCT 21 2004



This is to acknowledge receipt of the following:

1. Transmittal Letter (in duplicate) with Certificate of Mailing
2. Petition Under 37 CFR §1.48(b) for Correction of Inventorship (in duplicate) with Certificate of Mailing
3. Statement Under 37 CFR §1.48(a)(1) with Certificate of Mailing
4. Statement Under 37 CFR § 3.73(b) with Certificate of Mailing
5. Submission of Substitute Declaration with Certificate of Mailing and executed Declaration (5 pages)
6. Check No. 69686 for \$130.00 (Petition Fee)

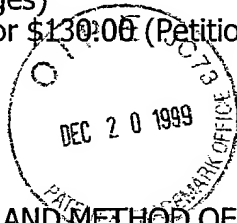
In re PATENT Application of:

Shunpei YAMAZAKI et al.

Serial No. 09/233,145

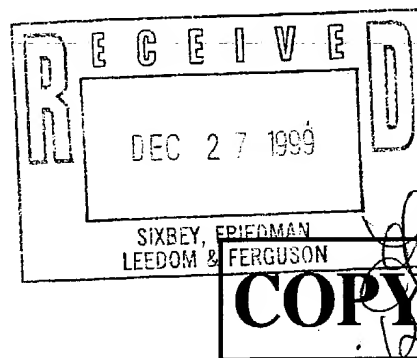
Filed: January 19, 1999

For: ELECTRO-OPTICAL DEVICE AND METHOD OF DRIVING THE SAME



JLC/csg  
0756-1915

December 16, 1999



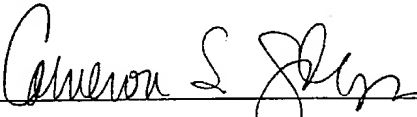


- 1 -

Docket: 0756-1915

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on December 16, 1999.

  
Cameron S. Gilligan

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT application of )  
Shunpei YAMAZAKI et al. )  
Serial No. 09/233,145 ) Art Unit: 2871  
Filed: January 19, 1999 ) Examiner: T. Duong  
For: ELECTRO-OPTICAL DEVICE AND )  
METHOD OF DRIVING THE SAME ) Date: December 16, 1999

**PETITION UNDER 37 C.F.R. §1.48(a) FOR**  
**CORRECTION OF INVENTORSHIP**

Honorable Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

~~In accordance with the provisions of 37 C.F.R. §1.48(a), applicant~~  
hereby petitions to correct the incorrect original naming of an inventor in the  
copy of the declaration filed with the instant divisional application.  
Specifically, the inventorship in the above-identified application is being  
corrected to delete Mr. Yasuhiko Takemura as an inventor in this application.

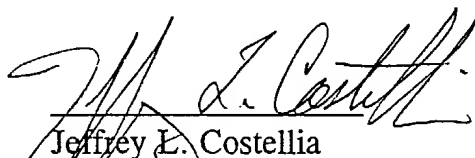
**COPY**

Mr. Takemura was an inventor with respect to the claims as originally filed in the parent application of the instant divisional application, namely, Serial No. 08/566,897, but not as to the claims of the present application. Therefore, it is respectfully submitted that deletion of Mr. Takemura as an inventor in the present application is appropriate in accordance with 37 C.F.R. §1.48(a).

A Statement from Mr. Takemura pursuant to 37 C.F.R. §1.48(a)(1) is attached hereto, including a declaration from each of the actual inventors and a written assent from the assignee.

In addition, the required fee of \$130 in accordance with 37 C.F.R. §1.17(i) is enclosed.

Respectfully submitted,

  
Jeffrey L. Costellia  
Registration No. 35,483

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.  
8180 Greensboro Drive, Suite 800  
McLean, Virginia 22102  
(703) 790-9110  
(703) 883-0370 FAX

**COPY**



**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )

Group Art Unit: 2871

Shunpei YAMAZAKI et al. )

Examiner: Tai Duong

Serial No.: 09/233,145 )

Filed: January 19, 1999 )

For: ELECTRO-OPTICAL DEVICE AND )  
METHOD OF DRIVING THE SAME )

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 12-16-99.

*Carnew*

**STATEMENT UNDER 37 C.F.R. §1.48(a)(1)**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

I, Yasuhiko Takemura, state that I was erroneously named as an inventor of the subject matter claimed in the above-identified application. Further, this error in inventorship occurred without deceptive intention on my part.

Respectfully submitted,

*Yasuhiko Takemura*

Yasuhiko Takemura

**COPY**





**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

19/253-143 10/19/99 YAMAZAKI

8 0756-1915

MMCI/0702  
SIXNEY, FRIEDMAN, LEEDOM & FERGUSON  
2010 CORPORATE RIDGE  
SUITE 600  
MCLEAN VA 22102

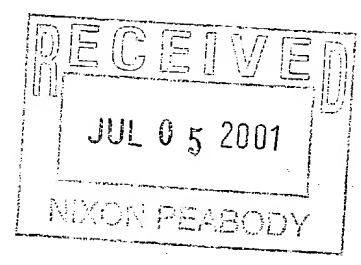
EXAMINER
----------

DUONG, T	
ART UNIT	PAPER NUMBER

2871  
DATE MAILED: 07/02/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



**COPY**

# Notice of Allowability

Application No.  
09/233,145

Applicant(s)  
YAMAZAKI ET AL.

Examiner  
TAI DUONG

Art Unit  
2871



--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendments 11/29/99 and 7/18/00 and Telephonic Interview 6/13/01.
2. ☒ The allowed claim(s) is/are 1-55.
3. ☐ The drawings filed on \_\_\_\_\_ are acceptable as formal drawings.
4. ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☒ Certified copies of the priority documents have been received in Application No. 07/897,669.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION.** This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. ☒ Applicant MUST submit NEW FORMAL DRAWINGS
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto    or    2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☒ including changes required by the proposed drawing correction filed Jul 18, 2000, which has been approved by the examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

## Attachment(s)

- |   |  |
|---|--|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)   | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                     | 4 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>16</u> |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449), Paper No(s). <u>5, 12, 14, 15</u> | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment                     |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material                  | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance               |
| 9 <input type="checkbox"/> Other  |  |

**COPY**

Art Unit: 2871

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jason H. Vick on 6/13/01.

The application has been amended as follows:

In the claims

In claims 51-55, line 2, "silicon-germanium" has been changed to --silicon or germanium--

Any inquiry concerning this communication should be directed to Tai Duong at telephone number (703) 308-4873.

**COPY**

Art Unit: 2871

### Examiner's Comment

In view of the papers filed 12/20/99, it has been found that this nonprovisional application, as filed, through error and without deceptive intent, improperly set forth the inventorship, and accordingly, this application has been corrected in compliance with 37 CFR 1.48(a). The inventorship of this application has been changed by the deletion of Yasuhiko Takemura.

The application will be forwarded to the Office of Initial Patent Examination (OIPE) for issuance of a corrected filing receipt, and correction of the file jacket and PTO PALM data to reflect the inventorship as corrected.

In view of the Petition to Correct Inventorship filed 12/20/99, the Yamazaki et al (U.S. 5,612,599) does not qualify as a prior art under 35 U.S.C. 102(e).

The terminal disclaimer filed on 11/29/99 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of Patent Numbers 5,956,105 and 5,612,799 has been reviewed and is accepted. The terminal disclaimer has been recorded.

The proposed drawing addition of Fig. 26 has been approved by the examiner.

TVD

6/01

William L. Sikes  
Supervisory Patent Examiner  
Technology Center 2871





PTO/SB/21 (08-00)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>Total Number of Pages in This Submission</b>	<b>Application Number</b>	09/233,145
	<b>Filing Date</b>	January 19, 1999
	<b>First Named Inventor</b>	Shunpei YAMAZAKI et al.
	<b>Group Art Unit</b>	2871
	<b>Examiner Name</b>	T. Duong
	<b>Attorney Docket Number</b>	0756-1915

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures 1. Request for Certificate of Correction 2. Certificate of Correction/PTO 1050 3. 4. 5. 6.
<b>Remarks</b>		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

<b>Firm or Individual name</b>	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
<b>Signature</b>	
<b>Date</b>	October 12, 2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.			
<b>Type or printed name</b>			
<b>Signature</b>		<b>Date</b>	October 12, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



PTO/SB/21 (08-00)

**TRANSMITTAL  
FORM***(to be used for all correspondence after initial filing)*

<b>Total Number of Pages in This Submission</b>	<b>Application Number</b>	09/233,145
	<b>Filing Date</b>	January 19, 1999
	<b>First Named Inventor</b>	Shunpei YAMAZAKI et al.
	<b>Group Art Unit</b>	2871
	<b>Examiner Name</b>	T. Duong
	<b>Attorney Docket Number</b>	0756-1915

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures 1. Request for Certificate of Correction 2. Certificate of Correction/PTO 1050 3. 4. 5. 6.
<b>Remarks</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

<b>Firm or Individual name</b>	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
<b>Signature</b>	
<b>Date</b>	October 12, 2004

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<b>Type or printed name</b>			
<b>Signature</b>		<b>Date</b>	October 12, 2004

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